

Preliminary Assessment

Diamond Head Oil Refinery Division

| Harrison Turnpike (Rt.508)

| Kearny, Hudson Co.

0703 V

→ 80,000 5q. A

5.5 Acres

SECT JEROME E. ROSEM

SIC CODE 2911

Recordes uses Franciscoting

308879

O FDA	POTENTIAL HAZ			E	L IDENTIFI	CATION
√SEPA	PRELIMINAI ART 1 - SITE INFORM				OT STATE 02	SITE MUMBER
IL SITE NAME AND LOCATION	IN I SIE INFORM	AHUNA	ID V22E228	AEN I		
O1 SITE HAME MAJEL COMMEN, OF STREETS OF STREET		02 STREE	T. MOUTE NO., O	A SPECIFIC LOCATION	CENTER	
Diamond Head Oil Refinery	Div.	140	1 Harris	on Turnpike	_	508)
оз слу		04 STATE	06 ZIP CODE	06 COUNTY		07 COUNTY 08 CON
Kearny		ŊJ		Hudson		CODE DIST
OS COORDINATES LATITUDE 40 44 22. 74	LONGITUDE	ВТ	ock 285,	Lot 3		
N .1 Turnpiko to 15 H . 50	7.7 o		/			· · · · · · · · · · · · · · · · · · ·
N.J. Turnpike to 15 W. Fo left hand side as soon as	vou get onto	or Kear Harris	ny (Rt. on Turnn	508). Site	is loc	ated on the
III. RESPONSIBLE PARTIES		1101113	on runnp	ike.		
GI OWNER II ANDREY		Ing expec	T (diverse), many			
Mimi Urban Dev. Corp.			Riversid			
ು ಲಗ			Riversia 042=cooe	e Ave.	Table I	
Lyndhurst		NJ	07071	()		
07 OPERATOR IN Mean and allegant has owner.	· · · · · · · · · · · · · · · · · · ·	DE STREE	(Anima), ming,			
Diamond Head Oil		140 1	Harrison	Tpk.		•
Kearny		10 STATE	11 ZIP CODE	12 TELEPHONE N	UMBER	
13 TYPE OF OWNERSHIP (Choca and)		NJ		()		
A. PRIVATE D B. FEDERAL:			□ C STAT	TE DD.COUNTY	ПЕМИ	CIPAL
I F. OTHER	(Agency name)		. (i) (i) UNK		L E. MON	
- Usther Deenaton Hotthication on FLE inner wind	Suecity :	- 1:	·			
A RCRA 3001 DATE RECEIVED	B UNCONTRO	LLED WASTE	SITE ICERCIA IO	DATE RECEIVED): <i></i>	L DC NONE
IV. CHARACTERIZATION OF POTENTIAL HAZA	RD				MONTH DAY	YEAR
01 ON SITE INSPECTION 8	Y (Chase of that analy)	PA CONTRA		(7	
X) YES DATE 5 / 3 / 85	E. LOCAL HEALTH OF	FICIAL D	F. OTHER:		D. OTHER CO	ONTRACTOR
	ONTRACTOR NAME(S):		 	15	P	
□ A. ACTIVE SXB. INACTIVE □ C. UNKNOW	03 YEARS OF OPE	RATION	1			
C4 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KN	·	BEGINNING YE	A Endond	YEAR	UNKNOWN	
			7.427			
Substances possibly present found in oils and refinery	hy-products	1Cal VC	chmont 0	compounds ar	id heavy	/ metals
l and termery	by products.	(Acta	Chinent B) ·)		
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT	AND/OR POPULATION			·		
Site is easily accessible t	o the public	Also	sita ic	located no	.v+ +a =	+ 1
so the potential for surfac	e water conta	aminati	on is hi	ah. (Attac	hment (weciand ')
				J (· · · · · · · · · · · · · · · · · · ·	' ·
V. PRIORITY ASSESSMENT						-
01 PRIORITY FOR INSPECTION (Check one. If high or annual is check EL A. HIGH		sinkers and Pari	1 - Dosestanon at max	Meaus Canadans and Incide	ne;	· · · · · · · · · · · · · · · · · · ·
(Introcess requires premptly) (Introcess require	TO C. LOW	e everage (seed)	D. NONI	É Not action riveded, complete	معادون المعادن	Aureu
VI. INFORMATION AVAILABLE FROM					-	·
10 hm Do have	02 OF (Agent) Organ			· · · · · · · · · · · · · · · · · · ·	03	TELEPHONE NUMBER
John Potapa O4 PERSON RESPONSIBLE FOR ASSESSMENT	N.J. Dept			ion	16	091292-3151
	05 AGENCY	DE ORGAN		07 TELEPHONE N	UMBER 04	DATE
Helen Kornitas	NJDEP	HS	AM	609 633	-2218	09 23 85 MONIH DAY YEAR
······································						

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

L	IDENT	IFICA1	ION
01	STATE	DZ SITE	MUMBE

	ATES, QUANTITIES, AN	02 WASTE QUANT	ITY AT SITE	03 WASTE CHARACTE			a v. ø
10 00 00 00 00			LI A TOXIC LI É SOLUBLE L'IL HIGHLY VOLATIL LI B. CORROSIVE LI FINFECTIOUS L'I EXPLOSIVE			/E	
S POWDE!	PINES DEF LIQUID	TOMS .		LI C RADIOA	TIME L' G. FLAN	MARLE LI K. REACTIV	
C. SLUDGE	L G GAS	CUBIC YARDS		LI D PERSIST	ENT L.H IGNI	LI HOT AP	
D. OTHER	(Specity)	NO. OF DRUMS	unknown				
WASTE T	YPE						
TEGORY	SUBSTANCE N	ME	DI GROSS AMOUNT	02 UNIT OF MEASURE	D3 COMMENTS		
SLU	SLUDGE						
OFM	OILY WASTE	 					
SOL	SOLVENTS						
PSD	PESTICIDES						
occ	OTHER ORGANIC CI	EMICALS					
юс	INORGANIC CHEMIC	ALS					
ACD .	ACIOS						
BAS	BASES			I			
MES	HEAVY METALS			<u> </u>	<u> </u>		
HAZARD	مند، OUS SUBSTANCES	COLUMN TO MASS PROPER	ner case CAS Aurosta				T AS MEASINGE!
CATEGORY	DZ SUBSTANCE		03 CAS NUMBER	04 STORAGE DIS	POSAL METHOD	05 CONCENTRATION	OS MEASURE (
	Benzene		71-43-2			16.960.7	<u>,₁,q/kq</u>
	Toluene		108-88-3		<u> </u>	40 520 4	Lug/kg
	Nuphthalene		91-20-3			1446000	g/kg
	Phenanthre		999			1487000	- g/kg
		<u></u>	999			1130000	Fa/ka
	<u>Pyrene</u>						1
	N	7					
	Note: Seve			 			
	substances		19	 			
	See attachr	nent.		 	· · · · · · · · · · · · · · · · · · ·		
				<u> </u>	·		
							
							
				<u> </u>			
		<u> </u>					
	<u> </u>						<u> </u>
FEEDST	OCKS (See Assessment for CAS Major			CATEGORY	0) 5550	STOCK NAME	02 CAS NUMB
CATEGOR	OI FEEDSTO	CK NAME	02 CAS NUMBER		UTFEE	JOIOUN NAME	
FDS				FDS			
FDS				FDS			
FDS				FDS			
FDS				FDS	<u> </u>		
SQUECE	S OF INFORMATION IC	is broken (olymonics).	y , state less, sender ararys	s. reports)		· · ·	
	Mama from	4 Konnit	as to file	(Attachment	A)		

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT RESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION						
01	STATE	OZ SITE	NUMBER			

HAZARDOUS CONDITIONS AND INCIDENTS	CO CO CORRESPONDI (DATE	POTENTIAL	C ALLEGED
DI K. A. GROUNDWATER CONTAMINATION DIS POPULATION POTENTIALLY AFFECTED:	02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	m. 0.000	
Various oil spills and on-site la	goons may cause groundwate	er contaminati	ion.
	(Attachment C)		
11 DVB. SURFACE WATER CONTAMINATION 3 POPULATION POTENTIALLY AFFECTED:	02 L OBSERVED IDATE. 1	A POTENTIAL	C ALLEGED
Sampling of on-site lagoons shows nearby Franks Creek. (Attachment		This may run	off into
01 () C. CONTAMINATION OF AIR EDUCATION POTENTIALLY AFFECTED:	02 C OBSERVEDIDATE	CJ POTENTIAL	C. ALLEGED
01 [: D FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED:	02 C: OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	D POTENTIAL	[ALLEGED
O3 POPULATION POTENTIALLY AFFECTED	OA NARRATIVE DESCRIPTION gate is not locked. Anyon	ne has access	to the sit
(Attachment C) 01 XF CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED:	02 O OBSERVED (DATE: _5/3/85_104 NARRATIVE DESCRIPTION	C) POTENTIAL	C ALLEGED
Sampling results show high levels	of contamination. (Attac	chment B)	
01 L, G DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED.	02 () OBSERVED (DATE:) D POTENTIAL	L) ALLEGED
Drinking water in this ares is by	public supply.		
01 L3 M. WORKER EXPOSURE/MJURY 03 WORKERS POTENTIALLY AFFECTED:	02 OBSERVED (DATE. 04 NARRATIVE DESCRIPTION) G POTENTIAL	() ALLEGED
01 X 1 POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED:	02 (1 OBSERVED (DATE) K POTENTIAL	D ALLEGED
The site is easily accessible, the (Attachment C)	erefore potential populati	ion exposure	is high.

POTENTIAL	HAZARDOUS WASTE SITE		
PRELIN	MINARY ASSESSMENT HAZARDOUS CONDITIONS AND INCIDENT	S STATE OF ST	TE MANDER
II. HAZARDOUS CONDITIONS AND INCIDENTS			
OI D J DAMAGE TO FLORA DI NARRATIVE DESCRIPTION	02 D OBSERVED (DATE:)	O POTENTIAL	O ALLEGED
		•	·
DI C K DAMAGE TO FAUNA OH NARRATIVE DESCRIPTION INCOME AUMINIOR ADDRESS.	02 C OOSERVED IDATEI	C POTENTIAL	C ALLEGED
		· · · · · · · · · · · · · · · · · · ·	
01 C L CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 D OBSERVED (DATE	C POTENTIAL	O ALLEGED
			!
DI KM UNSTABLE CONTAINMENT OF WASTES	OZ COBSERVED IDATE	C POTENTIAL	D ALLEGED
C3 POPULATION POTENTIALLY AFFECTED.	04 NARRATIVE DESCRIPTION		
Two lagoons on-site with no soun	d diking system (Attachment	C)	
01 M N DAMAGE TO OFFSITE PROPERTY GENERATIVE DESCRIPTION	02 COESERVED (DATE	D POTENTIAL	O ALLEGED
Large quantities of ponded oil o	(Attachment D))
01 D CONTAMINATION OF SEWERS, STORM DRAINS, WWT	Ps 02 D OBSERVED (DATE.	C POTENTIAL	□ ALLEGED
01 TXP ILLEGAL UNAUTHORIZED DUMPING OA NARRATIVE DESCRIPTION	02 X/OBSERVED (DATE5/3/85_1	D POTENTIAL	CI ALLEGED
Site inspection by SEU revealed e	evidence of recent on-site d	umping.	
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALL	EGED HAZAROS		
This site may be a potential prob	olem if anyone tries to deve	lop the land	•
III. TOTAL POPULATION POTENTIALLY AFFECTED:		` :	
IV. COMMENTS			
As of this writing, NJDEP is not	involved with the case.		
Y. SOURCES OF INFORMATION ICHA ADDESSE PROPERTIES & S. ALADO PO	to comple encrysis, reserving		
Memo from W. Shader 12/15/:77 (Atta	achment D)		

: PA FORM 2070-12(7-81)

Diamond Head Oil Refinery Div. Harrison Turnpike (Rt.508) Kearny, Hudson Co.

Diamond Head Oil Refinery Division is a 5 acre site located in Kearny, Hudson County. Although not too much is known about the operation of the company, it is known that Diamond Head contaminated the property.

Over the years, this has been a controversial piece of land. In 1978, NJDOT was delayed in the construction of I280 because of oily runoff coming from the Diamond Head property. In 1985, NJDEP-SEU sampling results revealed the presence of several hazardous contaminants in the soil and surface waters on the site.

In January 1985, the owners of the property sold the land to Mimi Urban Development Corp. There is a concern that the development corporation may not properly dispose of the contaminated soil. There is also concern because the site is situated in a marshland so there is a high potential for surface water contamination.

Submitted by: Helen Kornitas HSMS IV